Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

GBR00-262/15-16

No. ***First & Final*** (For Other Works) Date 18-3-2016

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. 288 Dated 13.03.16 Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: **P-2201** **Work Code: 011-12-000008** **Est.Cost: 9.60 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements to Kalathur Layout Cross Roads in Ward No. 11 (Kuvempungara), Vidyaranyapura Sub Division.**

Name of Contractor and Full Address: ***Sri. Nataraj. R, Contractor, # 860, 19th Cross, 5th Main, 5th Block, HMT Layout, Virupakshapura, Bangalore – 560 064.***

Reference to Agreement No. **EE/BTP/BBMP/ E-TND/04(64)/WO/193/2011-12** Date: **02.11.2011**

Certified that the measurements were taken by me on 30/01/2013 and recorded of **Pages** 260 to 419 to 438 of measurement Book No. 2605/14-15 and that the work is satisfactorily executed.

Contractor 18/3/16 **Officer-in-charge of work**

Certified that the measurement were taken by me on 30/01/13 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Divn
BBMP, Bangalore - 97

II Memorandum of Payment

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being .....percent Rs.....		
3) " Balance		
4) Deduct Payment:		
a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	Amount	9,81,841-00
b. Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	ST -	9818-00
	VAT -	39274-00
	CW -	9818-00
	CBF -	982-00
	FSD -	49092-00
	LR -	12273-00
5) Balance being unpaid value of work done held in reserve.	Add -	121257-00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Chqn:	860584-00
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum 9.81.841-00

(in final settlement of all demands) (For use in the Office) 121257-

860584-

Witness
1.
2.

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

M. Eight lakhs sixty thousand five hundred eighty four only.

Initials of Officer making payment **Executive Engineer** 23/03

18/03

Sl. No.		Unit
1	Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
2	Removing B.S Slab of Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm
3	Refixing stone slabs of drains and pointing in C.M (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick etc complete as per specifications and directions of engineer in charge of the work	Sqm
5	Providing and laying in position plain cement concrete of nominal mix **1:4:8 using 40mm** and down size graded granite metal machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
6	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
7	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
8	Providing and laying in position **plain cement concrete of nominal mix 1:3:6 using 20mm** and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
9	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm
11	Providing and laying in position **reinforced cement concrete of nominal mix 1:1.5:3 with 20mm and down size graded granite metal**, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work	Cum
12	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Qtl
13	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) etc complete as per specifications and directions of engineer in charge of the work	Cum
14	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum
15	**Cleaning the existing WBM** road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Cum	-	-	~~271.32~~ 255.78	81.54	~~22123.43~~ 20856	~~271.32~~ 255.78	~~22123.43~~ 20856	
Sqm	-	-	285.00	44.85	12782.25	285.00	12782.25	
Sqm	-	-	285.00	59.77	17034.45	285.00	17034.45	
Sqm	-	-	115.50	325.34	37576.77	115.50	37576.77	
Cum	-	-	4.46	3665.86	16349.74	4.46	16349.74	
Cum	-	-	3.96	2722.50	10781.10	3.96	10781.10	x
Cum	-	-	11.88	3225.33	38316.92	11.88	38316.92	
Cum	-	-	~~1.98~~ 1.81	4174.35	~~8265.21~~ 7556	~~1.98~~ 1.81	~~8265.21~~ 7556	
Sqm	-	-	26.40	70.55	1862.52	26.40	1862.52	
Sqm	-	-	~~39.71~~ 19.37	249.15	~~9893.75~~ 4826	~~39.71~~ 19.37	~~9893.75~~ 4826	
Cum	-	-	6.71	5502.76	36923.52	6.71	36923.52	
Qtl	-	-	7.38	6122.23	45182.06	7.38	45182.06	
Cum	-	-	86.85	154.02	13376.64	86.85	13376.64	
Cum	-	-	295.29	1113.24	328728.64	295.29	328728.64	
Sqm	-	-	1737.00	9.40	16327.80	1737.00	16327.80	

Sl. No.		Unit	Previo	
			Qty	
16	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg /.sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work	Sqm	-	
17	Providing and laying **semi dense bituminous concrete** 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. **With 80/100 grade bitumen,** etc complete as per specifications and directions of engineer in charge of the work	Cum	-	
18	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. etc complete as per specifications and directions of engineer in charge of the work	Cum	-	
	Total			

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Sqm	-	-	1737.00	25.82	44849.34	1737.00	44849.34	
	-	-	43.43	7564.15	328511.03	43.43	328511.03	
Cum	-	-	243.10	0.00	0.00	243.10	0.00	
Cum					**988794.28**		**988794.28**	

R1 : 9,81,841-6 R1 : 9.81,841-6

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Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97